

Title (en)

METHOD FOR JOINING AN ELECTRODE STACK

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ELEKTRODENSTAPELS

Title (fr)

MÉTHODE POUR LA FORMATION D'UN EMPILEMENT D'ÉLECTRODES

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3454404A1] The invention refers to a method for joining an electrode stack (100) of several partial stacks (2), whereat a partial stack (2) comprises an anode (4) with an anode tab (6), a cathode (8) with a cathode tab (10) and at least one separator (12) arranged between the anode (4) and the cathode (8), and whereat at least one further separator (12) is arranged between the partial stacks (2). The several partial stacks (2) are placed on top of each other in a stacking process, and the anode tabs (6) of the several partial stacks (2) are joint to each other and with an anode current collector in a multi-stage joining process, and the cathode tabs (10) of the several partial stacks (2) are joint to each other and with a cathode current collector in a multi-stage joining process. The invention also refers to a battery cell comprising an electrode stack (100) produced by the method according to the invention.

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